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at least a lens including a zoom lens;  
a light quantity adjusting means;  
an electronic optical shutter provided on a subsequent  
stage of said zoom lens; and

2. The lens unit according to claim 1 wherein said light adjusting means is a diaphragm for changing the size of the light beam mechanically.

4. The lens unit according to claim 1 wherein said  
ic optical shutter is disposed near said light quantity  
g means.

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14. The camera according to claim 10 wherein said electronic optical shutter is composed of a liquid shutter.

15. The camera according to claim 10 wherein said predetermined pattern is switched over to a pattern having an opening on the left and a pattern having an opening on the right alternately.

16. The camera according to claim 10 wherein said predetermined pattern changes corresponding to zoom condition of said zoom lens.

17. The camera according to claim 10 wherein said electronic optical shutter is used as said light quantity

adjusting means at the same time.

18. The camera according to claim 17 wherein said  
electronic optical shutter is composed of a liquid shutter.

19. The camera according to claim 10 wherein said light  
quantity adjusting means is an electronic shutter constituted of  
a solid image pickup device.

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